ECOFLOW

Corporate and Product Introduction
2021-08-31
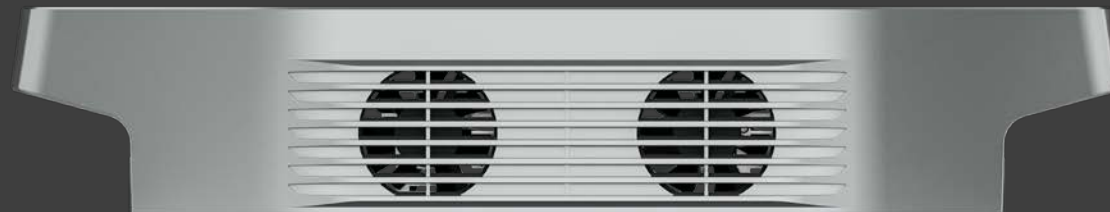
Contents

About EcoFlow

EcoFlow creates innovative power solutions that enable individuals, families, and society to power a new world.

In the last 5 years, we've combined cutting-edge research and development with an extensive distribution and sales network to redefine the battery industry with user-focused power stations.

The world is talking about EcoFlow

Forbes

wirecutter
A New York Times Company

Gadget .com

"RIVER from EcoFlow is the real deal. It's something you might want to think about keeping on hand for camping..."

"The EcoFlow DELTA is the best portable power station for emergency backup power or for off-grid activities such as camping..."

" Unlike many traditional power stations, the EcoFlow RIVER supports fast charging from 0–80% in 1 hour."

EcoFlow Achievement of Crowed Funding

2017 RIVER Released
Collected 1.08milion dollars on Indiegogo

2019 DELTA released

$5,000,000+ raised from crowdfunding

2020 RIVER series released

$7,000,000+ raised from crowdfunding

2021 DELTA Pro,
DELTA Max,
RIVER mini released

EcoFlow ecosystem released

collecting $11,000,000+ from crowdfunding

EcoFlow Milestone

2016	2017-2018	2019	2020	2021

EcoFlow was founded

EF RIVER370 released

X-Stream fast charging technology was successfully developed

EF DELTA released

$5,000,000+ USD was raised from crowdfunding

EF RIVER series released

$7,000,000+ USD was raised from crowdfunding

DELTA Pro, DELTA Max, DELTA mini, RIVER mini released

EcoFlow ecosystem was successfully introduced

Technological Breakthroughs

X-Stream

• Market leading recharge time: 0% to 80% at around 1 hour and full in under 2 hours

Smart Battery Management System (BMS)

• Measures real-time voltage, current and temperature precisely and condition battery for best performance with intelligent algorithm

X-Boost

• Capable of running larger output appliances

• Support more appliances than other brand products of the same rated output class

Expandable Power and Capacity

• Modular power: customizable to your needs

• Optional Extra Battery available for RIVER, RIVER Pro, DELTA Max & DELTA Pro

Target Markets

Applications

Outdoor Application

- Road Trips
- Caming
- Festivals
- Tailgating

Emergency Application

- Home backup
- Disaster relief
- Medical Services

Professional

- DIY/Construction
- Filmmaking/Photography
- Event Production

Home Backup

Outdoor camping

RV

Boating

Remote Working

Mining

Medical

Rescue

Contents

Portable Power Solutions for All Walks of Life

Capacity

AC Outputs

RIVER mini   RIVER   RIVER Max   RIVER Pro   DELTA mini   DELTA   DELTA Max   DELTA Pro

EcoFlow RIVER Series

The EcoFlow RIVER series offers the most portable power stations for outdoor adventure.
Matched Channel: Outdoor camping, Battery, generator, CE, Solar system

210-1440Wh
Capacity

300-600W
AC Output
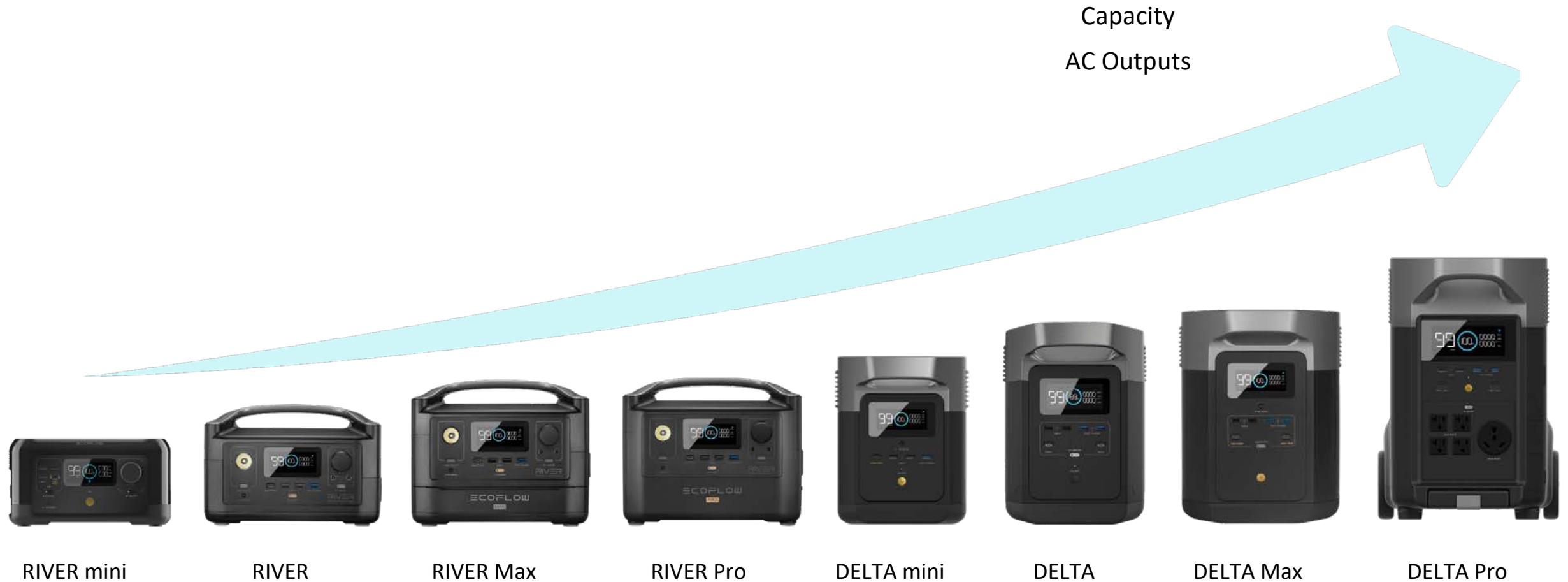
RIVER mini(Wireless)
Portable everyday power.

Key Features

- Compact and portable, weighs only **2.85 kg**

- Charge **7 devices *** simultaneously

- Power 90% of consumer electronics with **300W AC Output**

- X-Boost: power some devices **up to 600W**

- X-Stream AC recharge from **0-100% in 1.5 hours**

Dimension	9.8 x 5.5 x 5.2 in / 24.9 x 14.0 x 13.3 cm
Weight	6.3 lbs. / 2.85 kg

* Wireless version has 7 outlets and Standard version has 5 outlets (without USB-C port and wireless charging)

RIVER

Portable outdoor power.

Key Features

- **288Wh** Capacity

- Power 80% essential devices with **600W AC Output**

- X-Boost: power some devices **up to 1800W**

- Charge **9 devices** simultaneously

- X-Stream AC recharge from **0-100% in 1.6 hours**

- **Customizable** power: Double capacity **from 288Wh to 576Wh** with a **RIVER Extra Battery**

Dimension	11.3 x 7.3 x 7.7 in / 28.8 x 18.5 x 19.4 cm
Weight	11 lbs. / 5 kg

RIVER, Grab Your Adventure

RIVER +Extra Battery bundle

Portable off-grid power.

Key Features

- **288+288Wh** Capacity

- Power 80% essential devices with **600W AC Output**

- X-Boost: power some devices **up to 1800W**

- Charge **9 devices** simultaneously

- X-Stream AC recharge from **0-100% in 1.6 hours**

Dimension	11.3 x 7.3 x 10 in / 28.7 x 18.5 x 25.3 cm
Weight	16.6 lbs. / 7.5 kg(5kg+2.5kg)

RIVER Max

Portable off-grid power.

Key Features

- **576Wh** Capacity

- Power 80% essential devices with **600W AC Output**

- X-Boost: power some devices **up to 1800W**

- Charge **9 devices** simultaneously

- X-Stream AC recharge from **0-100% in 1.6 hours**

- **Customizable** design: Remove the **RIVER Extra Battery** for more portability

Dimension	11.3 x 7.3 x 9.96 in / 28.7 x 18.5 x 25.3 cm
Weight	17 lbs. / 7.7 kg

RIVER Pro

Portable off-grid power.

Key Features

- **720Wh** Capacity

- Option to double capacity **from 720Wh to 1440Wh** with a **RIVER Pro Extra Battery**

- Power 80% essential devices with **600W AC Output**

- X-Boost: power some devices **up to 1800W**

- Charge **9 devices** simultaneously

- X-Stream AC recharge from **0% to 100% in 1.6 hours**

Dimension	11.4 x 7.1 x 9.3 in / 28.9 x 18.0 x 23.5 cm
Weight	16.8 lbs. / 7.6 kg

RIVER Pro +Extra battery bundle

Portable off-grid power.

Key Features

- **720+720Wh** Capacity

- Power 80% essential devices with **600W AC Output**

- X-Boost: power some devices **up to 1800W**

- Charge **9 devices** simultaneously

- X-Stream AC recharge from **0% to 100% in 2.5 hours**

Dimension	11.4 x 7.1 x 17.6 in / 28.9 x 18.0 x 44.5 cm
Weight	32.2 lbs. / 14.6 kg(7.6kg+7kg)

Product Comparison

	RIVER mini	RIVER	RIVER Max	RIVER Pro	RIVER Pro + RIVER Pro Extra Battery
Capacity	**210Wh**	**288Wh**	**576Wh**	**720Wh**	**1440Wh**
AC Output	300W total (Up to 600W with X-Boost[1])	600W total (Up to 1800W with X-Boost[1])			
AC Ports	1	2			
DC Ports [2, 3]	• USB-A 12W × 3 • USB-C 100W × 1 • Car Outlet 126W × 1 • Wireless charging 15W x 1	• USB-A 12W × 2 • USB-A Fast Charge 18W × 1 • USB-C 100W × 1 • Car Outlet 126W × 1 • DC5521 × 2			
Total Output Ports	7 (Wireless version) 5 (Standard[2])	9			
X-Stream AC Recharge Time	1.5 Hours	1.6 Hours			3 Hours
X-Stream AC Recharge Input	300 Max	250 Max	500 Max	660 Max	
Solar Panel Charging	100W Max, 11-39V	200W Max, 10-25V			
Solar Panel Charging Time [4]	2.6-5.2 Hours (110W×1) 2-4 Hours (160W×1)	1.6-3 Hours (110W×2) 2.4-4.8 Hours (160W×1)	3-6 Hours (110W×2) 4.8-9.6 Hours (160W×1)	4-8 Hours (110W×2) 6-12 Hours (160W×1)	8-16 Hours (110W×2) 12-24 Hours (160W×1)
Car Charging	3.5 Hours Based on 12V, 8A charger	3.5 Hours Based on 12V, 8A charger	6.5 Hours Based on 12V, 8A charger	8 Hours Based on 12V, 8A charger	16 Hours Based on 12V, 8A charger
APP	✓				
Battery Chemistry	Lithium-ion				
Cycle Life	500 cycles to 80%+ capacity			800 cycles to 80%+ capacity	
Weight	2.85 kg	5 kg	7.7 kg	7.6 kg	7. kg + 7.3 kg
Dimension	9.8 x 5.5 x 5.2 in/ 24.9 x 14.0 x 13.3 cm	11.3 x 7.3 x 7.7 in/ 28.8 x 18.5 x 19.4 cm	11.4 x 7.3 x 9.3 in/ 28.9 x 18.4 x 23.5 cm	11.4 x 7.1 x 9.3 in/ 28.9 x 18.0 x 23.5 cm	- - - -
Discharge Temp.	-20℃ to 45℃				
Recharge Temp.	0℃ to 45℃				

[1] X-Boost: feature to enable running some appliances with larger output requirement at reduced output.   [2] Standard version has no USB-C port or Wireless Charging.
[3] Car Outlet shares total output power with the DC5521 ports [4] Standard Test Conditions: 1000W/m2, AM1.5, 25°C

EcoFlow DELTA Series

The EcoFlow DELTA series offers the most reliable portable power stations.
Matched Channel: Home backup, Solar system, Professional, outdoor,Emergency

1260-25kWh
Capacity

1800-7200W
AC Output

DELTA

Home backup power.

Key features

- Power 90% Appliances with **1800W** AC output

- **1260Wh** High Capacity

- X-Stream AC recharge from **0-100% in 1.6 hours**

- Charge **11 devices** simultaneously

Dimension	15.7 x 8.3 x 10.6 in / 40 x 21 x 27 cm
Weight	30.9 lbs. / 14 kg

DELTA Max

Home backup power.

Key features

- High capacity **from 2016Wh to 12**kWh with **Expandable** Design

- Power 99% essential devices with **2400W AC Output**

- X-Boost: power some devices **up to 3000W**

- X-Stream AC recharge from **0-100% in 1.6 hours**

Dimension	19.6 x 9.5 x 12 in / 49.7 x 24.2 x 30.5 cm
Weight	48 lbs. / 22 kg

*Low voltage region version: 15 outlets, High voltage region version: 13 outlets

DELTA Pro

The world's first portable home battery.

Key features

- High Capacity **from 3.6KWh to 25kWh** with **Expandable** Design

- Power 99% appliances with **3600W** AC Output

- X-Boost: power some devices **up to 4500W**

- X-Stream AC recharge from **0-100% at about 2 hours**

- Convenient charging with **14 outlets**

- Expandable **Ecosystem** to integrate with your Home

- **LiFePO$_4$** battery chemistry

- Ultra-safe **BMS**

Dimension	25 x 11.2 x 16.4 in / 63.5 x 28.5 x 41.6 cm
Weight	99.2 lbs. / 45 kg

EcoFlow DELTA Max Key Features

Expandable Design

2kWh

DELTA Max

4kWh

DELTA Max + DELTA Max
Smart Extra Battery

6kWh

DELTA Max + DELTA Max
Smart Extra Battery × 2

9kWh

DELTA Max + DELTA Max
Smart Extra Battery
+ Smart Generator

12kWh

DELTA Max
+ Smart Generator x 2

Expandability Explained

3.6kWh

DELTA Pro

7.2kWh

DELTA Pro
+ DELTA Pro Smart Extra Battery

10.8kWh

DELTA Pro
+ DELTA Pro Smart Extra Battery × 2

12.96kWh

DELTA Pro
+ DELTA Pro Smart Extra Battery
+ Smart Generator

25.92kWh

DELTA Pro x 2
+ DELTA Pro Smart Extra Battery x 2
+ Smart Home Panel
+ Smart Generator x 2

Product Comparison

|	DELTA	DELTA Max	DELTA Max + DELTA Max Smart Extra Battery × 1	DELTA Max + DELTA Max Smart Extra Battery × 2	DELTA Pro	DELTA Pro + DELTA Pro Smart Extra Battery × 1	DELTA Pro + DELTA Pro Smart Extra Battery × 2
Capacity	1260Wh	2016Wh	4032Wh	6048Wh	3600Wh	7200Wh	10.8kWh
AC Output [1]	4 Ports; Total 1800W (Surge 3300W)	4 Ports; Total 2400W (Surge 4600W); X-Boost 3000W			4 Ports; Total 3600W (Surge 7200W); X-Boost 4500W		
DC Output [2]	• USB-A 12W × 2 • USB-A FC 18W × 2 • USB-C 60W × 2 • Car Outlet 108.8W × 1	• USB-A 12W × 2 • USB-A Fast Charge 18W × 2 • USB-C 100W × 2 • Car Outlet 126W × 1 • DC5521 × 2			• USB-A 12W × 2 • USB-A Fast Charge 18W × 2 • USB-C 100W × 2 • Car Outlet 126W × 1 • DC5521 × 2	• Anderson × 1	
X-Stream AC Recharge Time	1.6 hr	1.6 hr	2.8 hr	3.5 hr	3.1 hr		
X-Stream AC Recharge Input	1200W	2000W	2200W		2900W X-Stream at Wall Outlet 3000W X-Stream at EV Charger		
Solar Recharge Time [3]	4-8 hr (400W x 1)	3.2-6.3 hr (400W x 2)	- - - -	- - - -	4-8 hr (400W x 3)	- - - -	- - - -
Solar Recharge	400W Max 10-65V	800W Max, 11-100V			1200W Max, 11-150V		
Car Recharge Time	10 hr based on 12V, **10A** charger	21 hr based on 12V, 8A charger	- - - -	- - - -	37.5 hr based on 12V, 8A charger	- - - -	
AC + Solar Dual Recharge	NA	NA	2 hr (3000W)	2.7 hr (3000W)	1.2 hr (3000W)	2 hr (4200W)	(4200W)
APP	X	✓			✓		
Battery Chemistry	NCM Li-ion				LiFePO4		
Cycle life	800 cycles to 80%+ capacity				6500 cycles to 50%+ capacity, 3500 cycles to 80%+ capacity		
Dimension	15.7 x 8.3 x 10.6 in/ 40 x 21 x 27 cm	19.5 × 9.5 × 12 in/ 49.7 × 24.2 × 30.5 cm	- - - -	- - - -	25 × 12.2 × 16.4 in/ 63.5 × 28.5 × 41.6 cm	- - - -	- - - -
Weight	30.9 lbs / 14 kg	47.6 lbs / 21.6 kg	65.3 lbs / 39.6 kg	127 lbs / 57.6 kg	99.2 lbs. / 45 kg	83 kg	121 kg
Discharge Temp.	-20℃ to 45℃				-10℃ to 45℃		
Recharge Temp.	0℃ to 45℃						

[1] X-Boost: feature to enable running some appliances with larger output requirement at reduced output. [2] Car Outlet shares total output power with the DC5521 ports [3] Standard Test Conditions: 1000W/m2, AM1.5, 25°C

EcoFlow Solar Panels

110W / 160W Solar Panels

400W Solar Panels
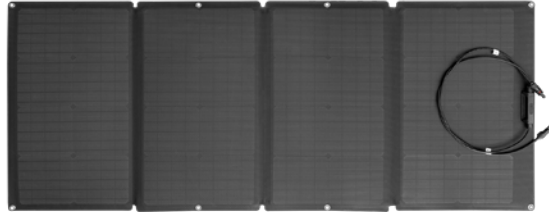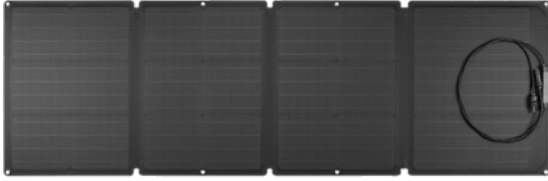
Key Features

- Portable and Foldable
- 21-22% conversion efficiency
- Extra durability with ETFE film, protective against UV light
- Dustproof & Water Resistant (IP67)
- Kickstand case for easy carry, setup & protection
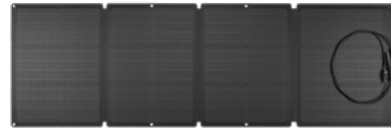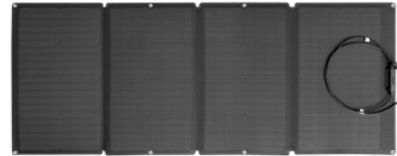- MC4 universal connector for wider compatibility

Key Features

- Portable power
- 22.4% conversion efficiency
- Convenient carry and setup with foldable design & kickstand case
- Reinforced durability with multiple protective layers
- Dustproof & Water Resistant (IP67)
- MC4 universal connector for wider compatibility

EcoFlow Solar Panel Specs

	110W Solar Panel	160W Solar Panel	400W Solar Panel
Rated Power	110W(+/-5W)*	160W (+/-5W)*	400W (+/-10W)*
Open Circuit Voltage	21.7V (Vmp 18.5V)	21.4V (Vmp 18.2V)	48V (Vmp 41V)
Short Circuit Current	6.3A (Imp 6.0A)	9.6A (Imp 8.8A)	11A (Imp 9.8A)
Efficiency	22%	21% - 22%	22.4%
Cell Type	Monocrystalline silicon	Monocrystalline silicon	Monocrystalline silicon
Connector type	MC4	MC4	MC4
Operating & Storage Temperature	-4° F to 185° F (-20° C to 85° C)	-4° F to 185° F (-20° C to 85° C)	-4° F to 185° F (-20° C to 85° C)

[1] Rated Power is tested under Standard Test Conditions: 1000W/m2, AM1.5, 25°C

Recommended Use

110W / 160W / 400W SOLAR PANELS

Efficient, reliable, eco-friendly power wherever you are.

	RIVER Pro (200W)	RIVER Pro + RIVER Pro Extra Battery (200W)	DELTA (400W)	DELTA Max (800W)
Max. Input				
Light use When Portability Matters	1 x 110W 9 – 18 Hours	1 x 110W 18 – 36 Hours	1 x 160W 10.5 – 21 Hours	1 x 160W 17 – 34 Hours
Heavy use When Quality time matters	2 x 110W (parallel) 4-8 Hours	2 x 110W(parallel) 8 – 16 Hours	1 x 400W 4 – 8 Hours	2 x 400W 3.2 – 6.3 Hours

Run Times

	RIVER Mini	RIVER	RIVER Max	RIVER Pro	DELTA	DELTA Max	DELTA Pro
Lightbulb 10W	6.5hours(Ac) 21hours (DC)	8.5hours(Ac) 25hours(DC)	17hours (Ac) 50hours(DC)	21hours(AC) 64hours(DC)	36+hours(AC)	1 week	2 weeks
TV 110W	1.5-2 hour	2-4 hours	4-8 hours	5-10 hours	8-16 hours	15-25 hours	30-35 hours
Refrigerator 150W	1-1.4 hours	1.5-3 hours	3-6 hours	4-8 hours	6-10 hours	10-15 hours	22-25 hours
Coffer Maker 1000W	no	10-12 cups	21-25 cups	28-32 cups	50-60 cups	80-100 cups	150-180 cups
Circular Saw 1400W(2300W)	no	0.4hours	0.8 hours	1 hours	0.7 hours	1.5 hours	2.5 hours
Hair Dryer 1600W(1900W)	no	0.4-0.8 hours	0.8-1.6 hours	1-2 hours	2-4hours	4-6 hours	5-10 hours
Gril 1650W	no	0.4 hours	0.8 hours	1 hours	0.6-1.2 hours	1.2-1.7 hours	2.2-2.8 hours

Thank you